

Lexicon

Publication Literacy

Publication literacy refers to the knowledge gained from Editors' and Editorial Teams' advice on articles.

Mixed Methods

Triangulation of quantitative and qualitative research results.

Content Analysis

Content analysis is used as the coding categories originated directly from the text data.

Methods

Mixed methods to identify similarity based on a cohort of 165 articles in a South African journal from 2019-2023. Turnitin software similarity detection and content analysis were used.

Results

The similarity benchmark was set at 15%, excluding citations and references. Similarity higher than 15% was detected in 64% of the submissions.

Result 1:

Publications based on completed studies, already in Institutional Repositories.

Result 2:

Established terminology, formulas, and concepts contribute to higher similarity.

Result 3:

Poor scientific writing and interpretations contribute to high similarity.

Result 4:

Training of next-generation or novice researchers should focus on quality science writing.

Objective

Publication literacy should be part of research ethics and integrity training to improve the quality of publications.

Conclusion 1

High similarity reports attributed to novice, mid-career, and established researchers.

Conclusion 2

Promote publication literacy to address similarity issues in publications.